

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
12 May 2005 (12.05.2005)

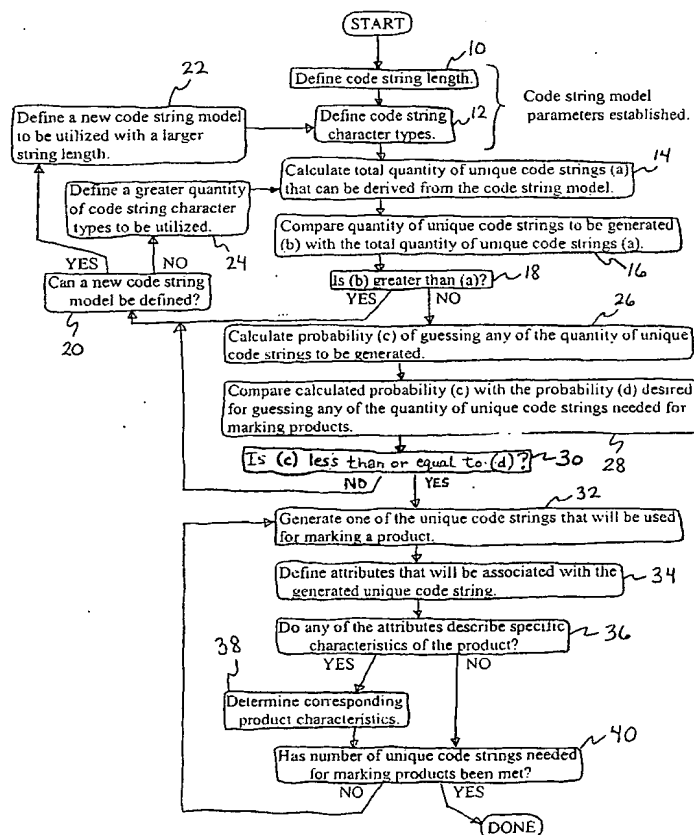
PCT

(10) International Publication Number
WO 2005/043350 A3

- (51) International Patent Classification⁷: **G06F 17/60**
- (21) International Application Number:
PCT/US2004/036751
- (22) International Filing Date:
3 November 2004 (03.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10/701,377 3 November 2003 (03.11.2003) US
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier applications:
US 10/701,377 (CON)
Filed on 3 November 2003 (03.11.2003)
US Not furnished (CIP)
Filed on Not furnished
- (71) Applicant (for all designated States except US): **MEYERS PRINTING COMPANY** [US/US]; 7277 Boone Avenue North, Minneapolis, MN 55428 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **DILLON, David** [US/US]; 5275 St. Albans Bay Road, Excelsior, MN 55331 (US).
- (74) Agents: **PARZYCH, John, S. et al.**; Fredrikson & Byron, P.A., 200 South Sixth Street, Suite 4000, Minneapolis, MN 55402-1425 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

[Continued on next page]

(54) Title: AUTHENTICATION AND TRACKING SYSTEM



(57) Abstract: A subset of unique codes (64) is generated (32) from a set of codes. The subset of codes are stored (50) in a database on a secure server (68) and each of the codes (64) is marked on a corresponding instantiation (58) of the product. The marked instantiations (58) are distributed (62). During their distribution (62), the marked instantiations are verified (60) for authenticity and for routing. This verification is performed by reading or scanning (66) the codes (64) on the instantiations (58), and transmitting that information to the secure server (68) for comparison against the codes (64) and other information located in the database contained of the secure server (68).



TN, TR, TT, TZ, UA, UG, US (patent), UZ, VC, VN, YU, ZA, ZM, ZW.

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW); Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) **Date of publication of the international search report:**

7 July 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.